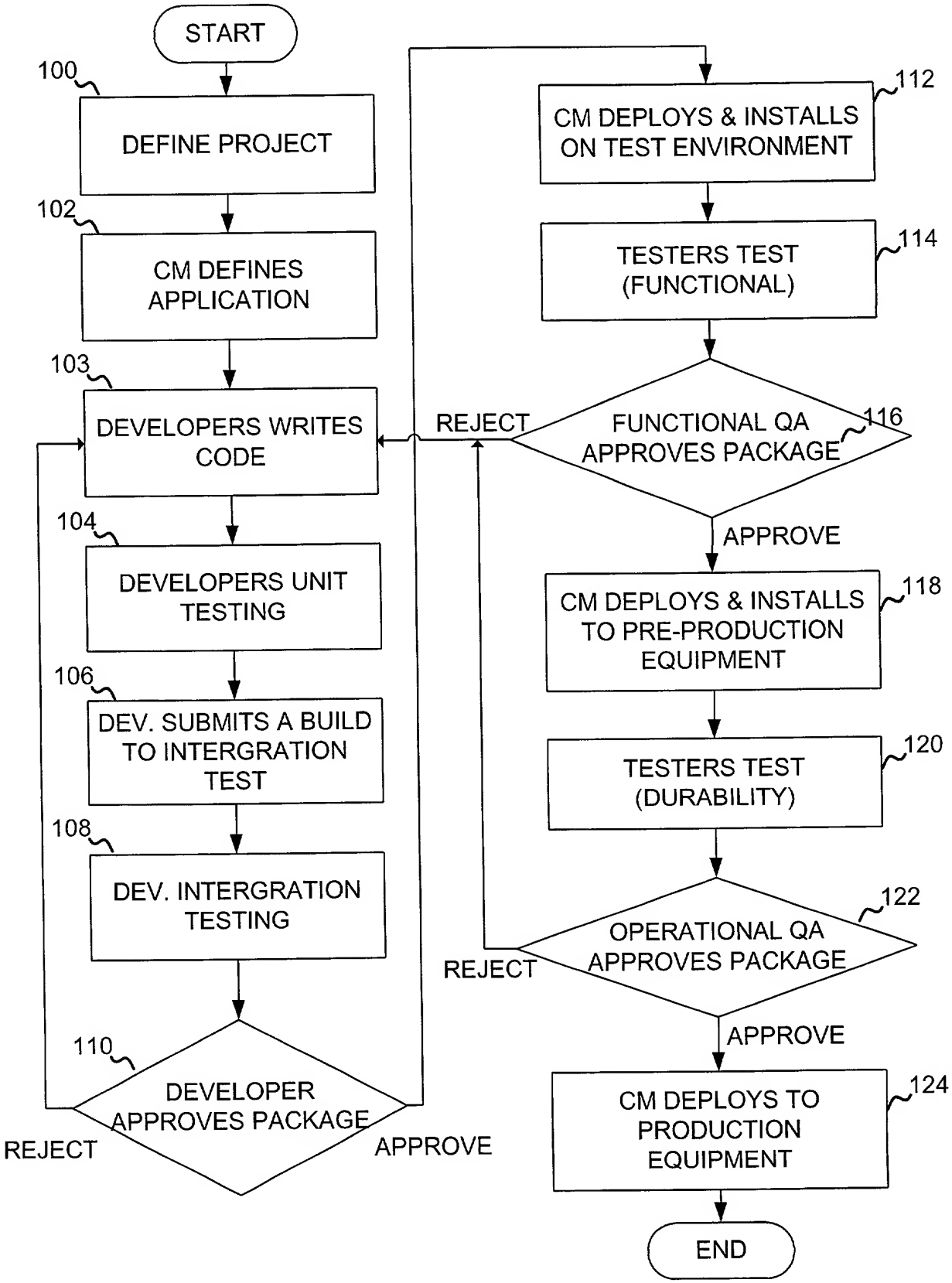

START
100
DEFINE PROJECT
102
CM DEFINES APPLICATION
103
DEVELOPERS WRITES CODE
104
DEVELOPERS UNIT TESTING
106
DEV. SUBMITS A BUILD TO INTERGRATION TEST
108
DEV. INTERGRATION TESTING
110
DEVELOPER APPROVES PACKAGE
REJECT
APPROVE
112
CM DEPLOYS & INSTALLS ON TEST ENVIRONMENT
114
TESTERS TEST (FUNCTIONAL)
116
FUNCTIONAL QA APPROVES PACKAGE
REJECT
APPROVE
118
CM DEPLOYS & INSTALLS TO PRE-PRODUCTION EQUIPMENT
120
TESTERS TEST (DURABILITY)
122
OPERATIONAL QA APPROVES PACKAGE
REJECT
APPROVE
124
CM DEPLOYS TO PRODUCTION EQUIPMENT
END

FIG. 1A

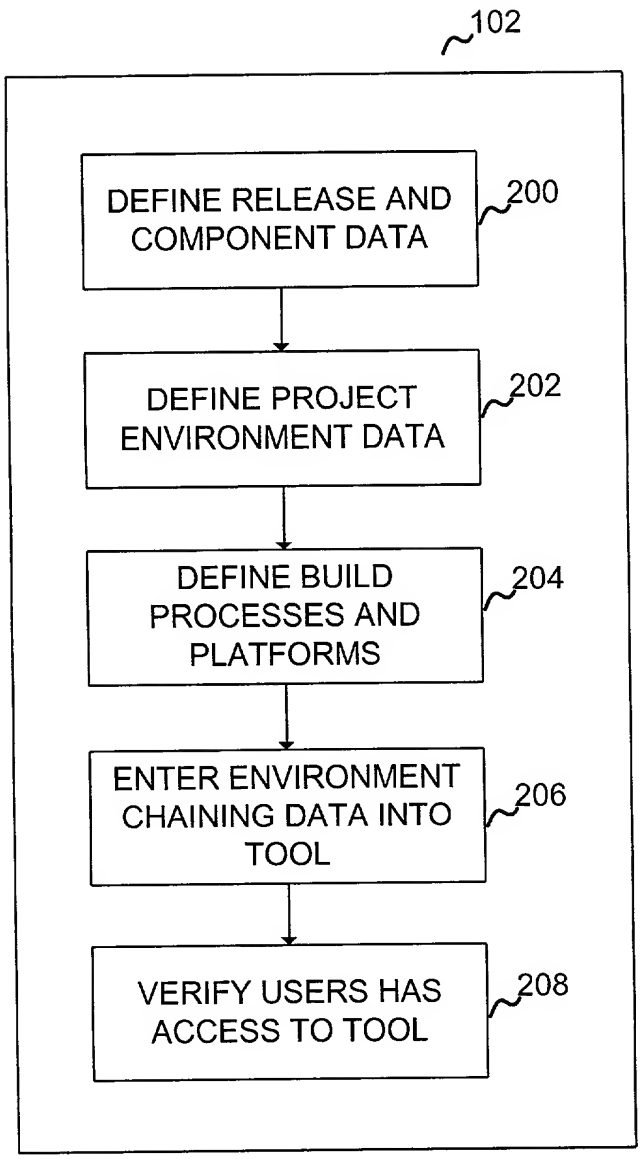
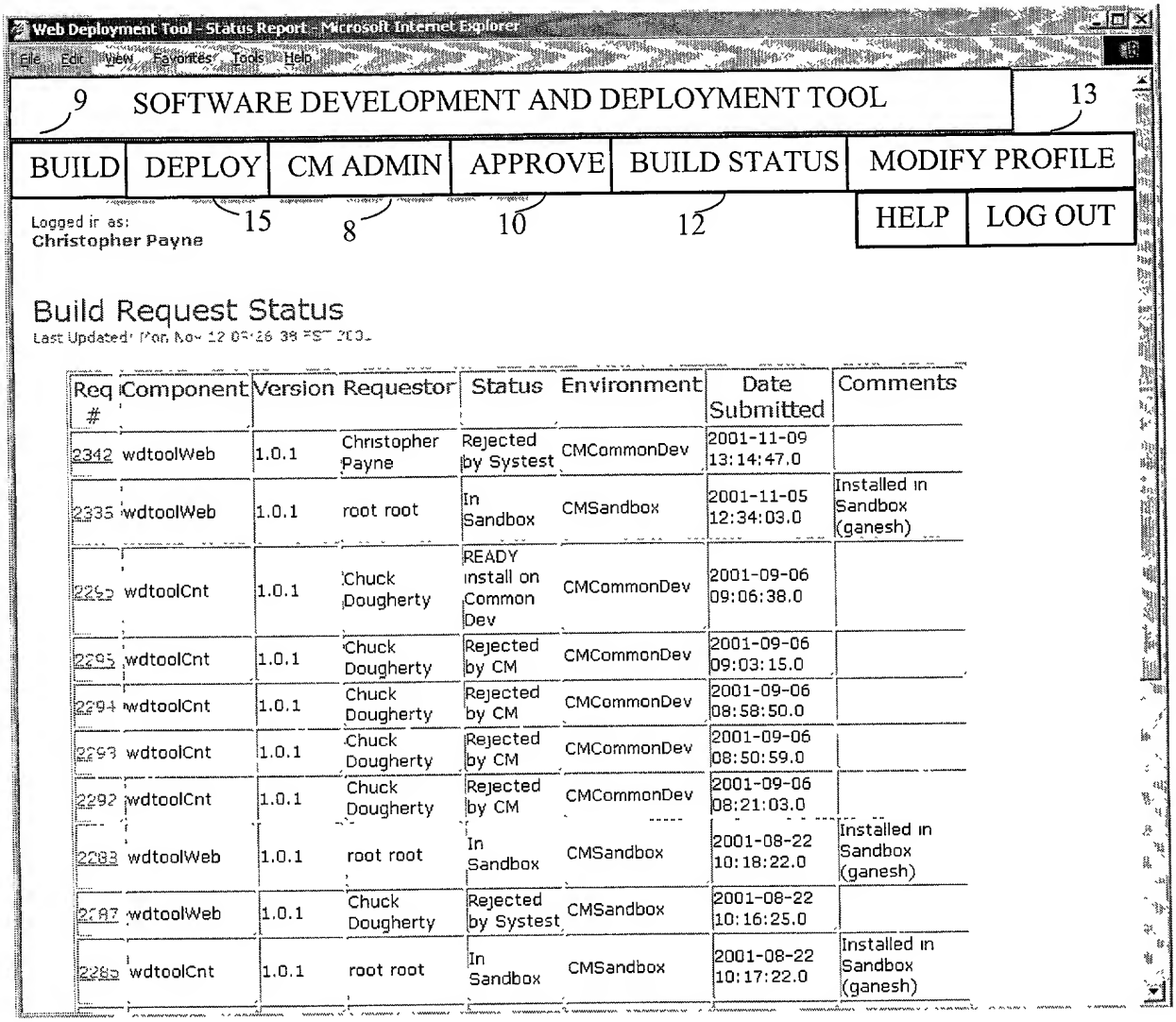

102
DEFINE RELEASE AND COMPONENT DATA
200
DEFINE PROJECT ENVIRONMENT DATA
202
DEFINE BUILD PROCESSES AND PLATFORMS
204
ENTER ENVIRONMENT CHAINING DATA INTO TOOL
206
VERIFY USERS HAS ACCESS TO TOOL
208

FIG. 1B



Req #	Component	Version	Requestor	Status	Environment	Date Submitted	Comments
2342	wdtoolWeb	1.0.1	Christopher Payne	Rejected by Systest	CMCommonDev	2001-11-09 13:14:47.0	
2335	wdtoolWeb	1.0.1	root root	In Sandbox	CMSandbox	2001-11-05 12:34:03.0	Installed in Sandbox (ganesh)
2295	wdtoolCnt	1.0.1	Chuck Dougherty	READY install on Common Dev	CMCommonDev	2001-09-06 09:06:38.0	
2295	wdtoolCnt	1.0.1	Chuck Dougherty	Rejected by CM	CMCommonDev	2001-09-06 09:03:15.0	
2294	wdtoolCnt	1.0.1	Chuck Dougherty	Rejected by CM	CMCommonDev	2001-09-06 08:58:50.0	
2293	wdtoolCnt	1.0.1	Chuck Dougherty	Rejected by CM	CMCommonDev	2001-09-06 08:50:59.0	
2292	wdtoolCnt	1.0.1	Chuck Dougherty	Rejected by CM	CMCommonDev	2001-09-06 08:21:03.0	
2288	wdtoolWeb	1.0.1	root root	In Sandbox	CMSandbox	2001-08-22 10:18:22.0	Installed in Sandbox (ganesh)
2287	wdtoolWeb	1.0.1	Chuck Dougherty	Rejected by Systest	CMSandbox	2001-08-22 10:16:25.0	
2285	wdtoolCnt	1.0.1	root root	In Sandbox	CMSandbox	2001-08-22 10:17:22.0	Installed in Sandbox (ganesh)

FIG. 2

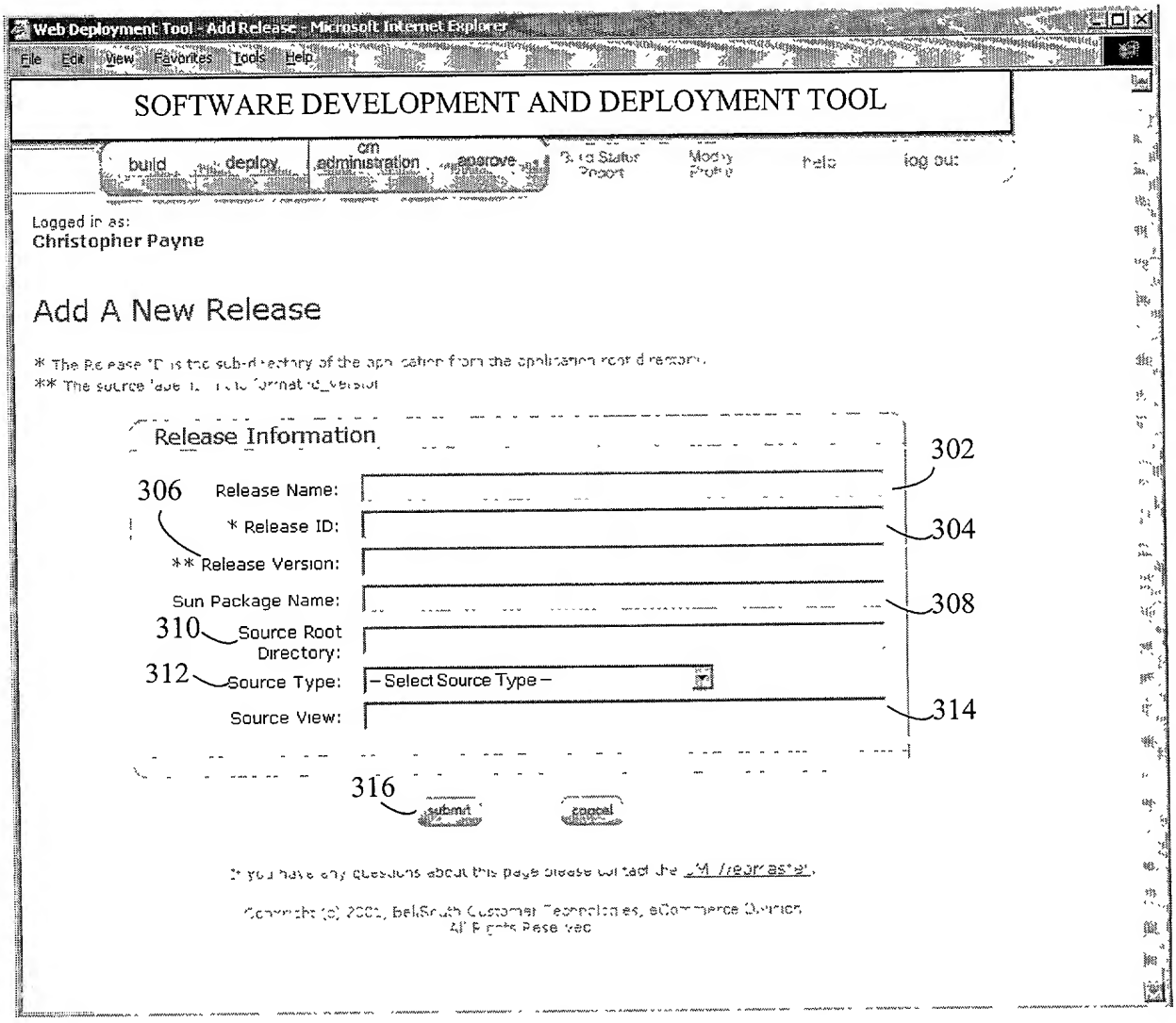

Web Deployment Tool - Add Release - Microsoft Internet Explorer
File Edit View Favorites Tools Help
SOFTWARE DEVELOPMENT AND DEPLOYMENT TOOL
build deploy cm administration approve
Logged in as:
Christopher Payne
Add A New Release
* The Release ID is the sub-directory of the application from the application root directory.
** The source label is the formatted_version
Release Information
302
306
Release Name:
* Release ID:
304
** Release Version:
Sun Package Name:
308
310
Source Root Directory:
312
Source Type:
– Select Source Type –
Source View:
314
316
submit
cancel
If you have any questions about this page please contact the CM Team.
Copyright (c) 2001, BellSouth Customer Technologies, eCommerce Division
All Rights Reserved

FIG. 3A

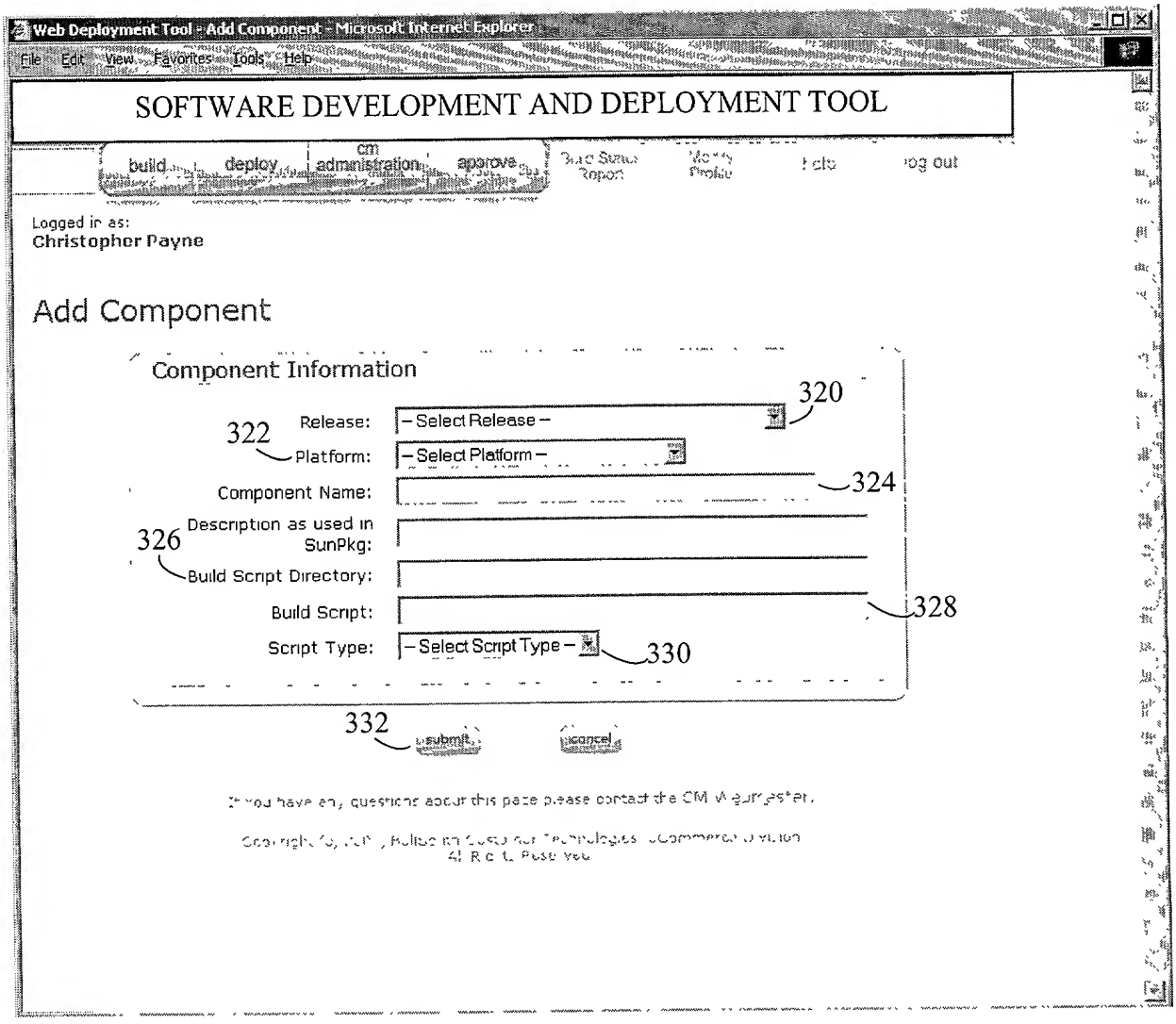

Web Deployment Tool - Add Component - Microsoft Internet Explorer
File Edit View Favorites Tools Help
SOFTWARE DEVELOPMENT AND DEPLOYMENT TOOL
build
deploy
cm administration
approve
Logged in as:
Christopher Payne
Add Component
Component Information
320
322
Release:
– Select Release –
Platform:
– Select Platform –
Component Name:
324
326
Description as used in SunPkg:
Build Script Directory:
Build Script:
328
Script Type:
– Select Script Type –
330
332
submit
cancel

FIG. 3B

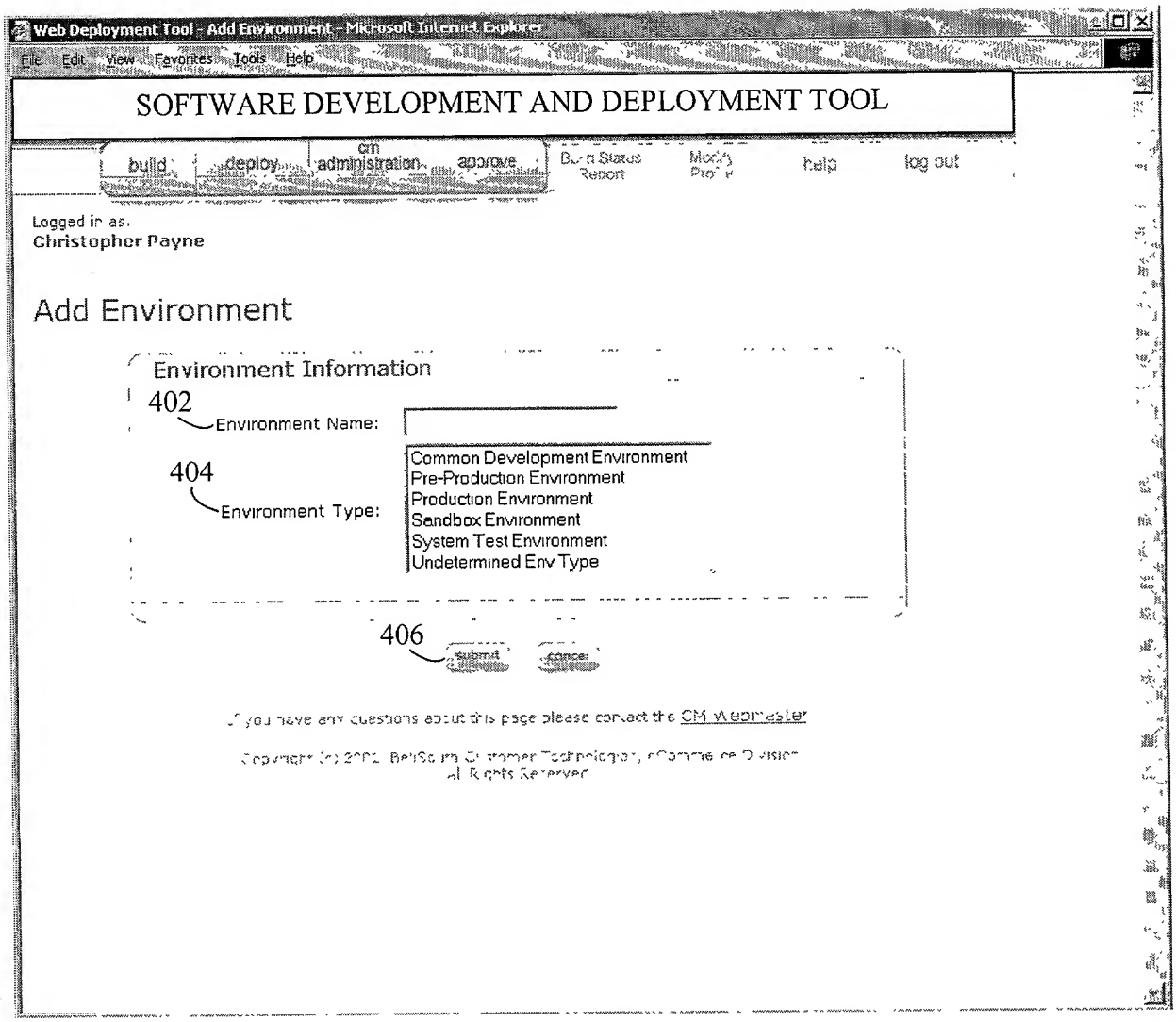

Web Deployment Tool - Add Environment - Microsoft Internet Explorer
File Edit View Favorites Tools Help
SOFTWARE DEVELOPMENT AND DEPLOYMENT TOOL
build
deploy
cm administration
approve
Build Status Report
help
log out
Logged in as:
Christopher Payne
Add Environment
Environment Information
402
Environment Name:
404
Environment Type:
Common Development Environment
Pre-Production Environment
Production Environment
Sandbox Environment
System Test Environment
Undetermined Env Type
406
submit
cancel
If you have any questions about this page please contact the CM Webmaster

FIG. 4

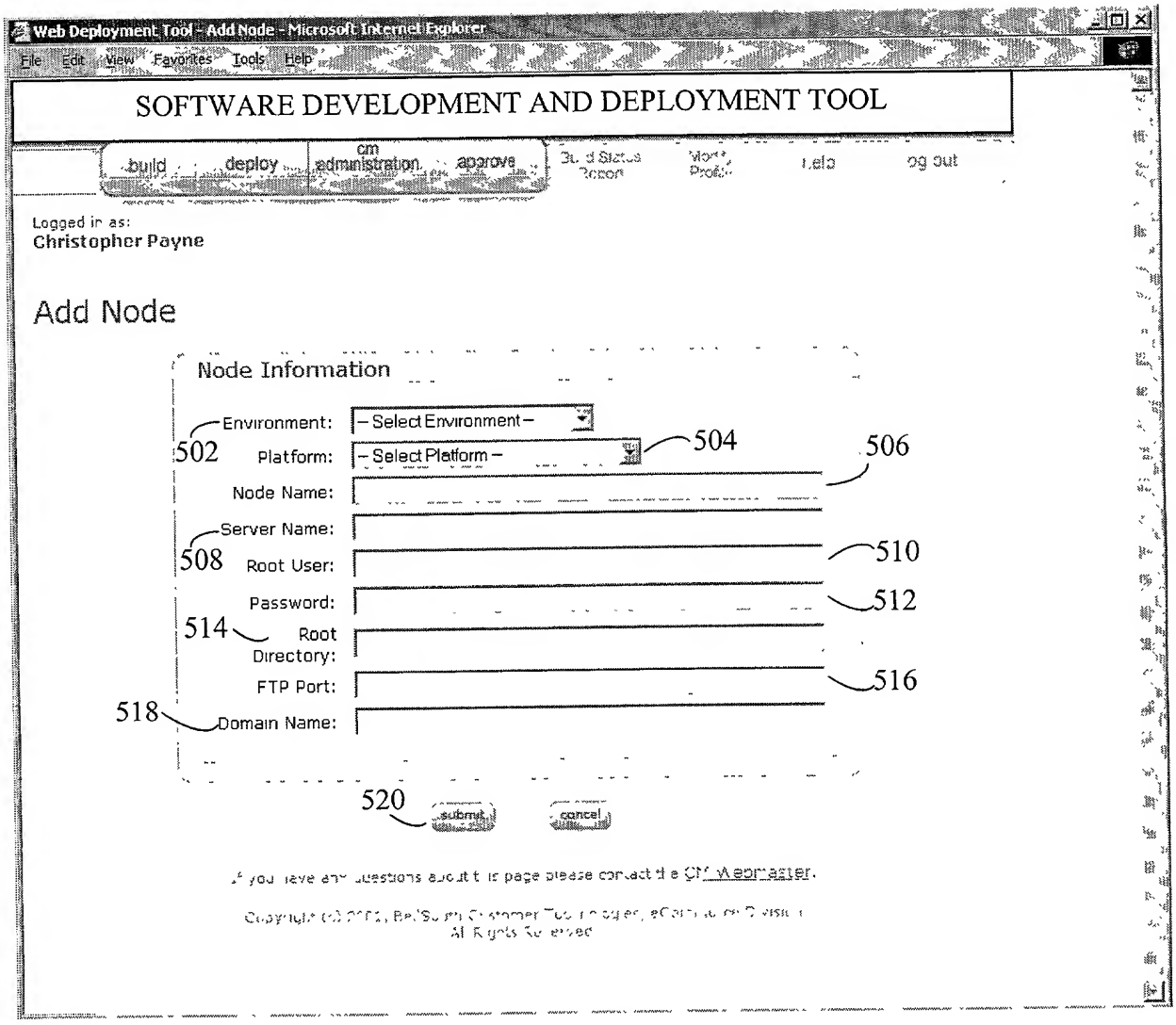


FIG. 5

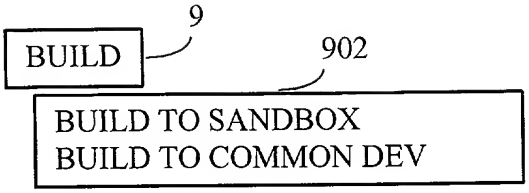


FIG. 9

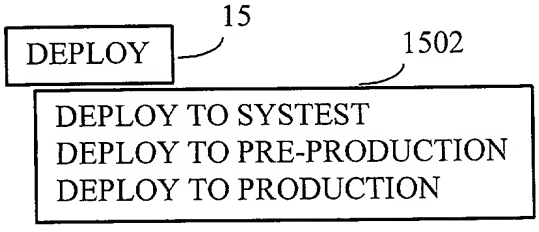


FIG. 15

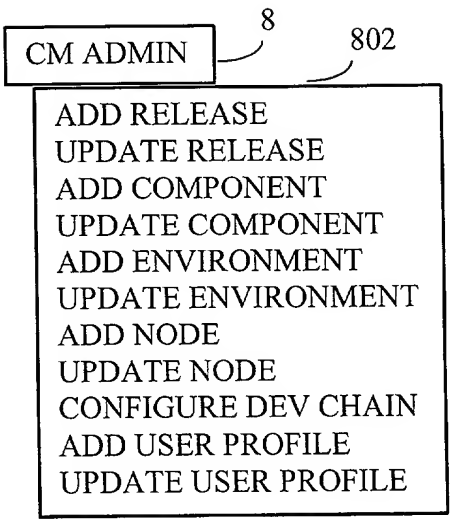


FIG. 8

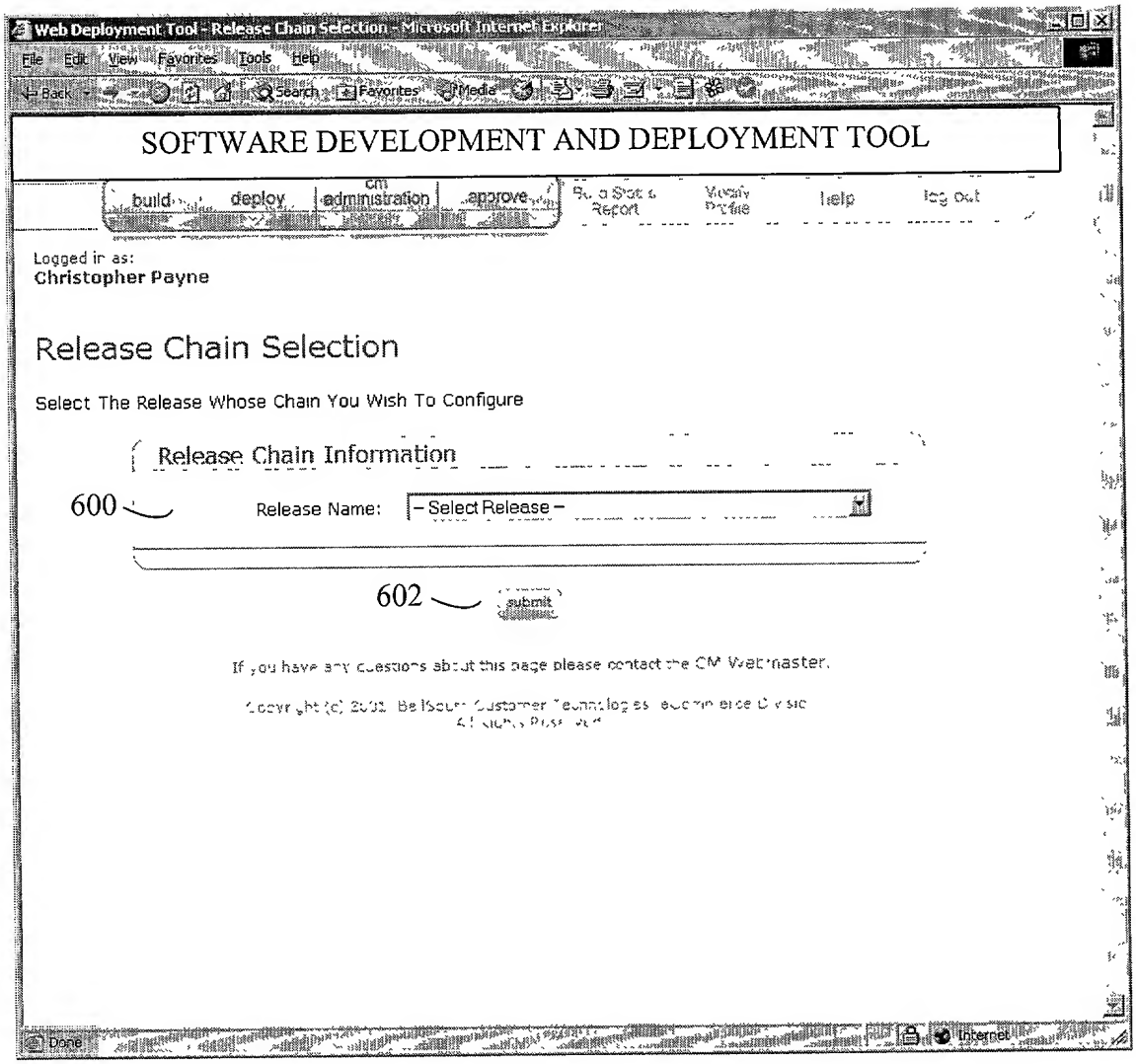

Web Deployment Tool - Release Chain Selection - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
SOFTWARE DEVELOPMENT AND DEPLOYMENT TOOL
build deploy cm administration approve
Help
Log out
Logged in as:
Christopher Payne
Release Chain Selection
Select The Release Whose Chain You Wish To Configure
Release Chain Information
600
Release Name:
– Select Release –
602
submit
If you have any questions about this page please contact the CM Webmaster.
Done
Internet

FIG. 6A

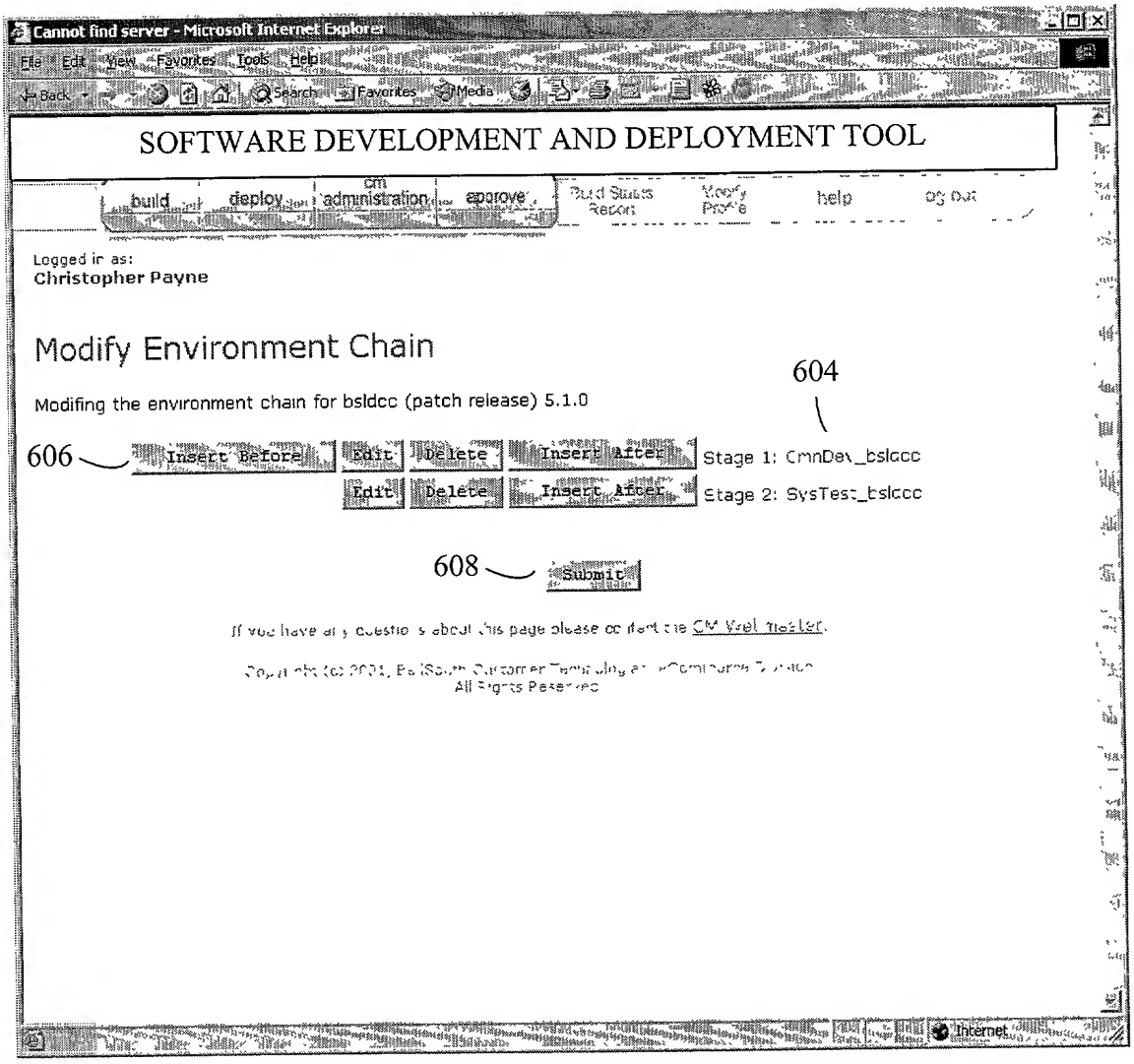

Cannot find server - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
SOFTWARE DEVELOPMENT AND DEPLOYMENT TOOL
build deploy cm administration approve Build Status Report Query Profile help log out
Logged in as:
Christopher Payne
Modify Environment Chain
604
Modifing the environment chain for bsldcc (patch release) 5.1.0
606
Insert Before Edit Delete Insert After Stage 1: CmnDev_bsldcc
Edit Delete Insert After Stage 2: SysTest_bsldcc
608
Submit
If you have any questions about this page please contact the CM Tool Master.
All Rights Reserved
Internet

FIG. 6B

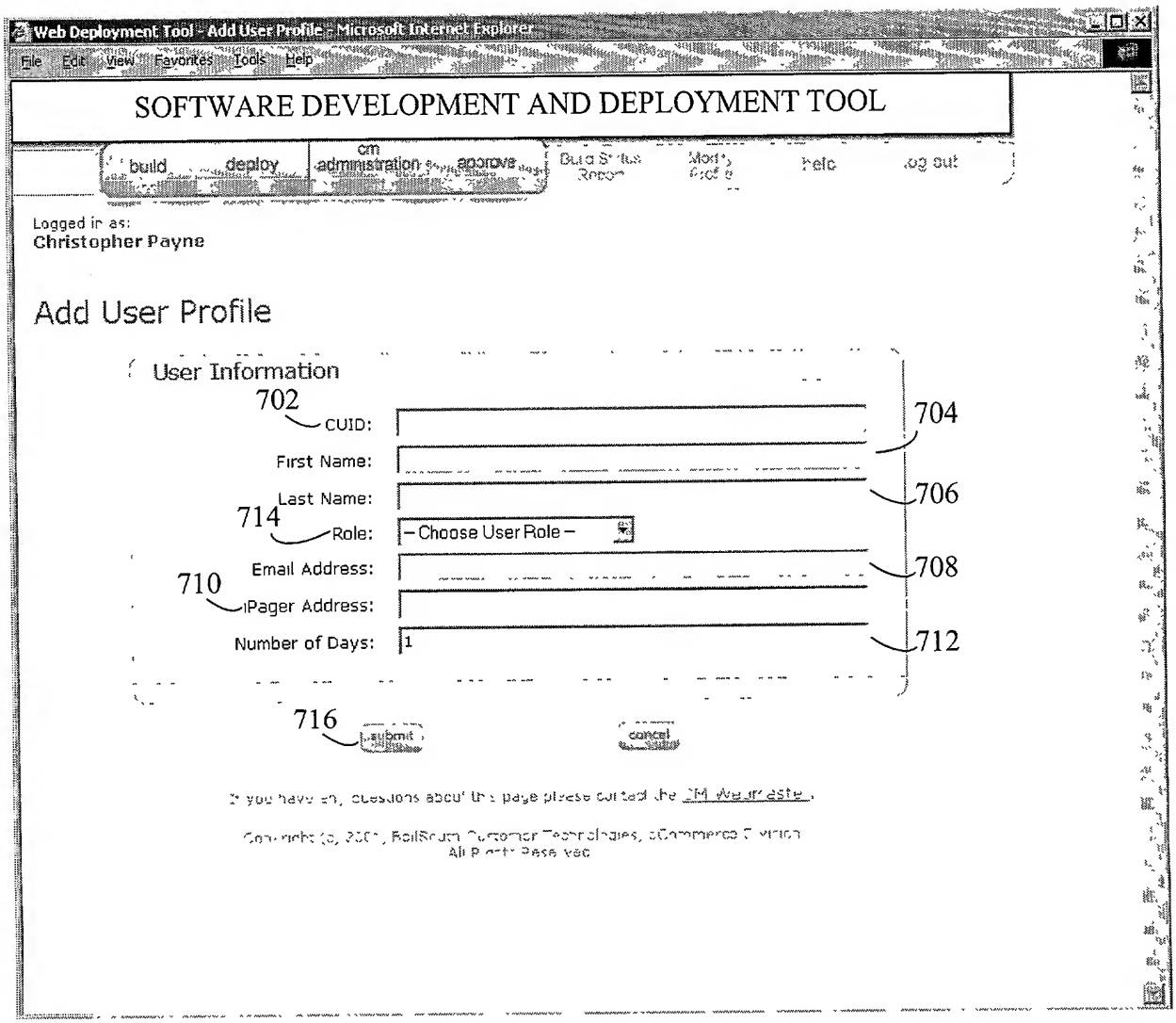

Web Deployment Tool - Add User Profile - Microsoft Internet Explorer
File Edit View Favorites Tools Help
SOFTWARE DEVELOPMENT AND DEPLOYMENT TOOL
build
deploy
cm administration
approve
Logged in as:
Christopher Payne
Add User Profile
User Information
CUID:
First Name:
Last Name:
Role:
– Choose User Role –
Email Address:
Pager Address:
Number of Days:
1
submit
cancel
702
704
706
708
710
712
714
716

FIG. 7A

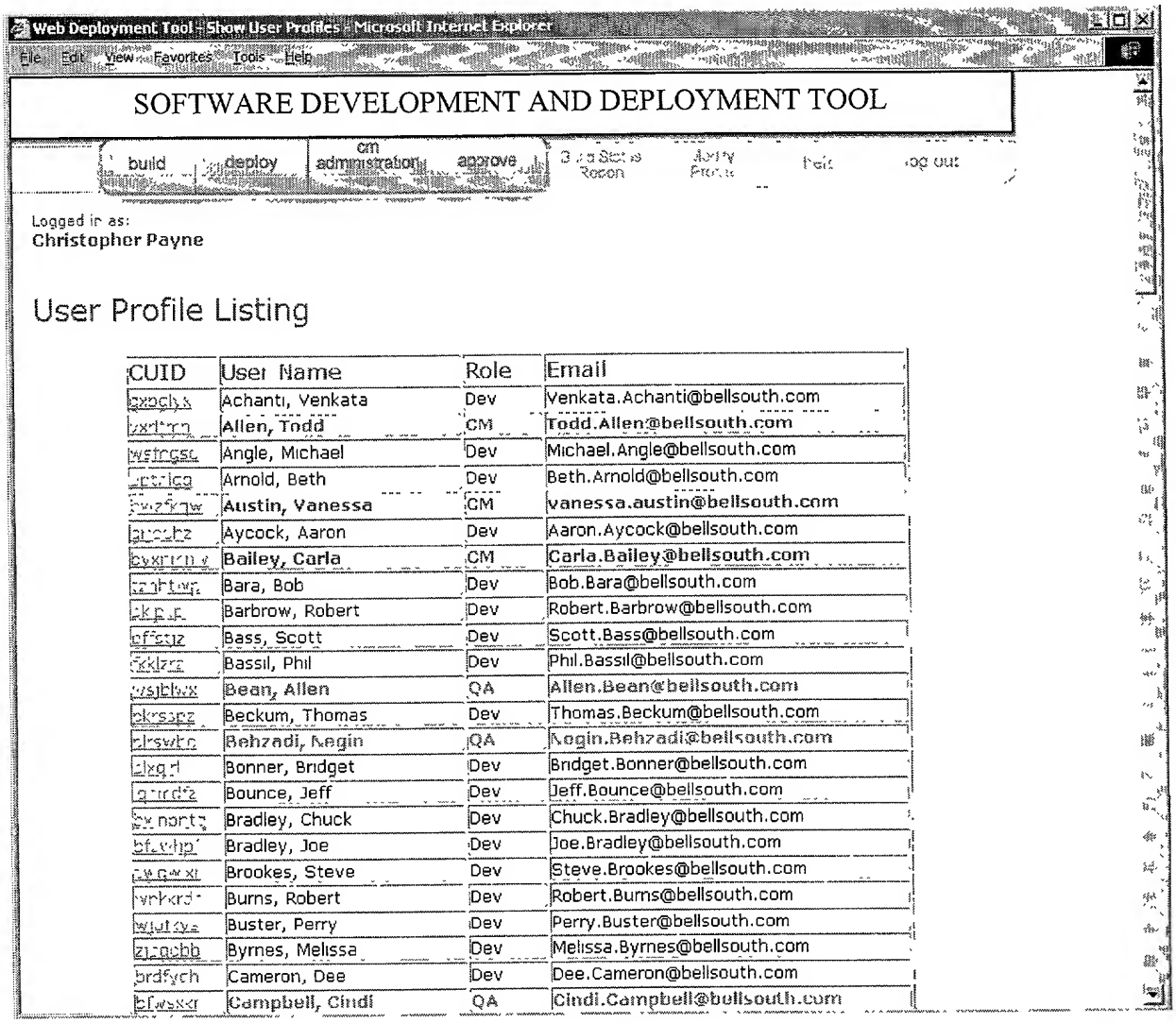

Web Deployment Tool - Show User Profiles - Microsoft Internet Explorer
File Edit View Favorites Tools Help
SOFTWARE DEVELOPMENT AND DEPLOYMENT TOOL
build
deploy
cm administration
approve
Logged in as:
Christopher Payne
User Profile Listing
CUID
User Name
Role
Email
Achanti, Venkata
Dev
Venkata.Achanti@bellsouth.com
Allen, Todd
CM
Todd.Allen@bellsouth.com
Angle, Michael
Dev
Michael.Angle@bellsouth.com
Arnold, Beth
Dev
Beth.Arnold@bellsouth.com
Austin, Vanessa
CM
vanessa.austin@bellsouth.com
Aycock, Aaron
Dev
Aaron.Aycock@bellsouth.com
Bailey, Carla
CM
Carla.Bailey@bellsouth.com
Bara, Bob
Dev
Bob.Bara@bellsouth.com
Barbrow, Robert
Dev
Robert.Barbrow@bellsouth.com
Bass, Scott
Dev
Scott.Bass@bellsouth.com
Bassil, Phil
Dev
Phil.Bassil@bellsouth.com
Bean, Allen
QA
Allen.Bean@bellsouth.com
Beckum, Thomas
Dev
Thomas.Beckum@bellsouth.com
Behzadi, Negin
QA
Negin.Behzadi@bellsouth.com
Bonner, Bridget
Dev
Bridget.Bonner@bellsouth.com
Bounce, Jeff
Dev
Jeff.Bounce@bellsouth.com
Bradley, Chuck
Dev
Chuck.Bradley@bellsouth.com
Bradley, Joe
Dev
Joe.Bradley@bellsouth.com
Brookes, Steve
Dev
Steve.Brookes@bellsouth.com
Burns, Robert
Dev
Robert.Burns@bellsouth.com
Buster, Perry
Dev
Perry.Buster@bellsouth.com
Byrnes, Melissa
Dev
Melissa.Byrnes@bellsouth.com
Cameron, Dee
Dev
Dee.Cameron@bellsouth.com
Campbell, Cindi
QA
Cindi.Campbell@bellsouth.com

FIG. 7B

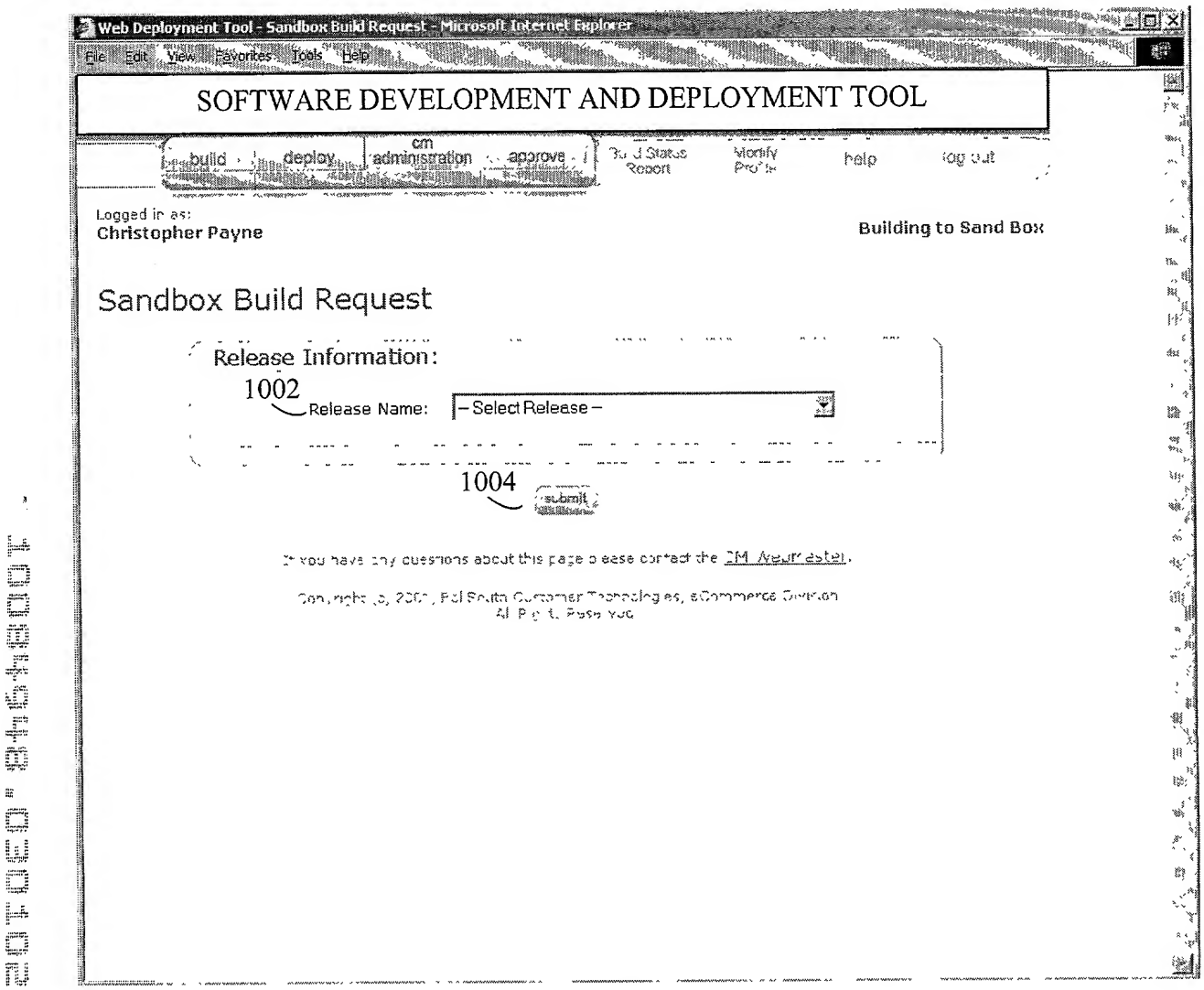

Web Deployment Tool - Sandbox Build Request - Microsoft Internet Explorer
File Edit View Favorites Tools Help
SOFTWARE DEVELOPMENT AND DEPLOYMENT TOOL
build
deploy
cm administration
approve
Build Status Report
Modify Profile
help
log out
Logged in as:
Christopher Payne
Building to Sand Box
Sandbox Build Request
Release Information:
1002
Release Name:
– Select Release –
1004
submit
If you have any questions about this page please contact the CM Newsletter.
Copyright © 2001, PeopleSoft Customer Technologies, eCommerce Division
All Rights Reserved

FIG. 10

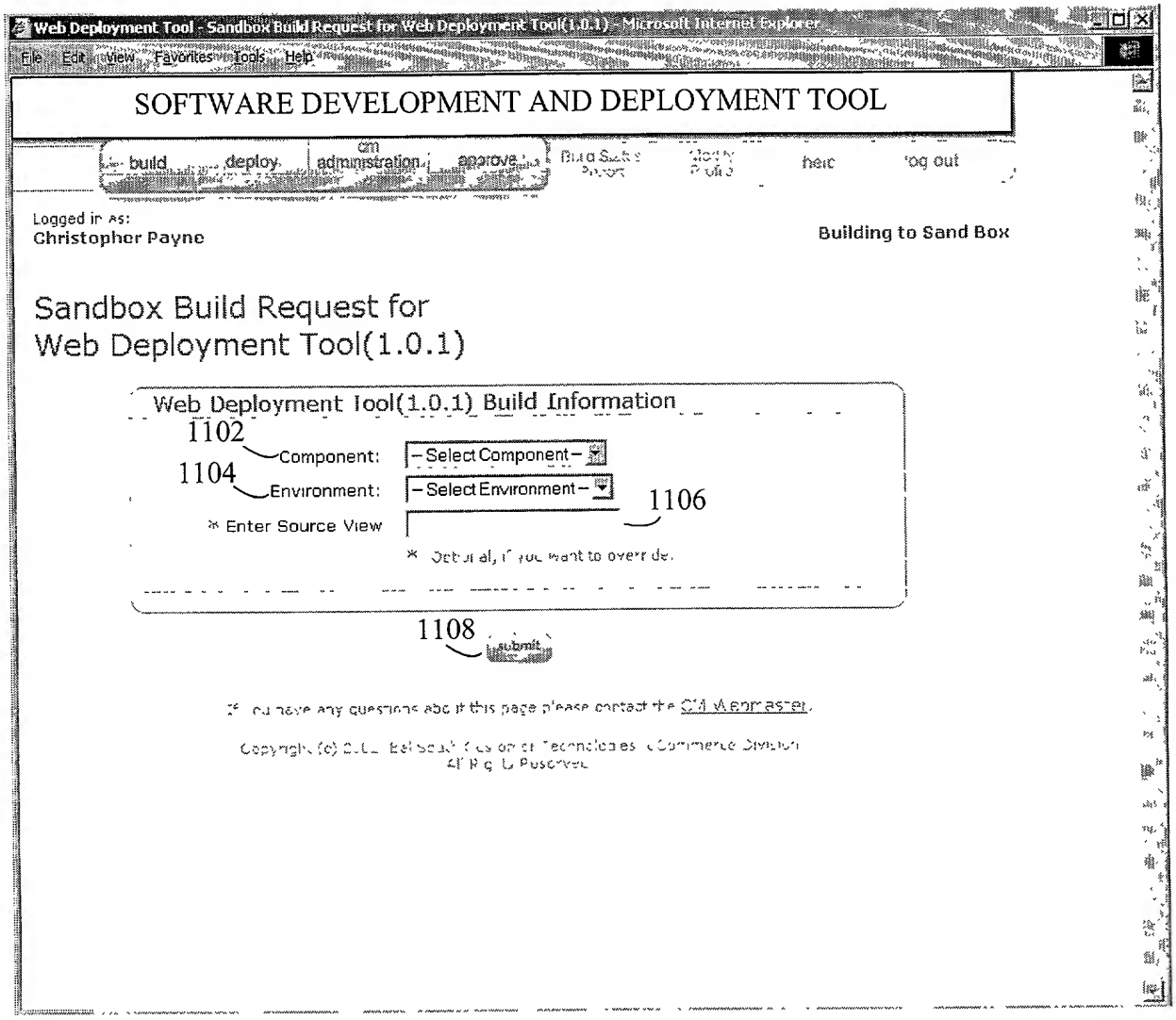

Web Deployment Tool - Sandbox Build Request for Web Deployment Tool(1.0.1) - Microsoft Internet Explorer
File Edit View Favorites Tools Help
SOFTWARE DEVELOPMENT AND DEPLOYMENT TOOL
build
deploy
cm administration
approve
help
log out
Logged in as:
Christopher Payne
Building to Sand Box
Sandbox Build Request for
Web Deployment Tool(1.0.1)
Web Deployment Tool(1.0.1) Build Information
1102
Component:
– Select Component –
1104
Environment:
– Select Environment –
1106
* Enter Source View
1108
submit

FIG. 11

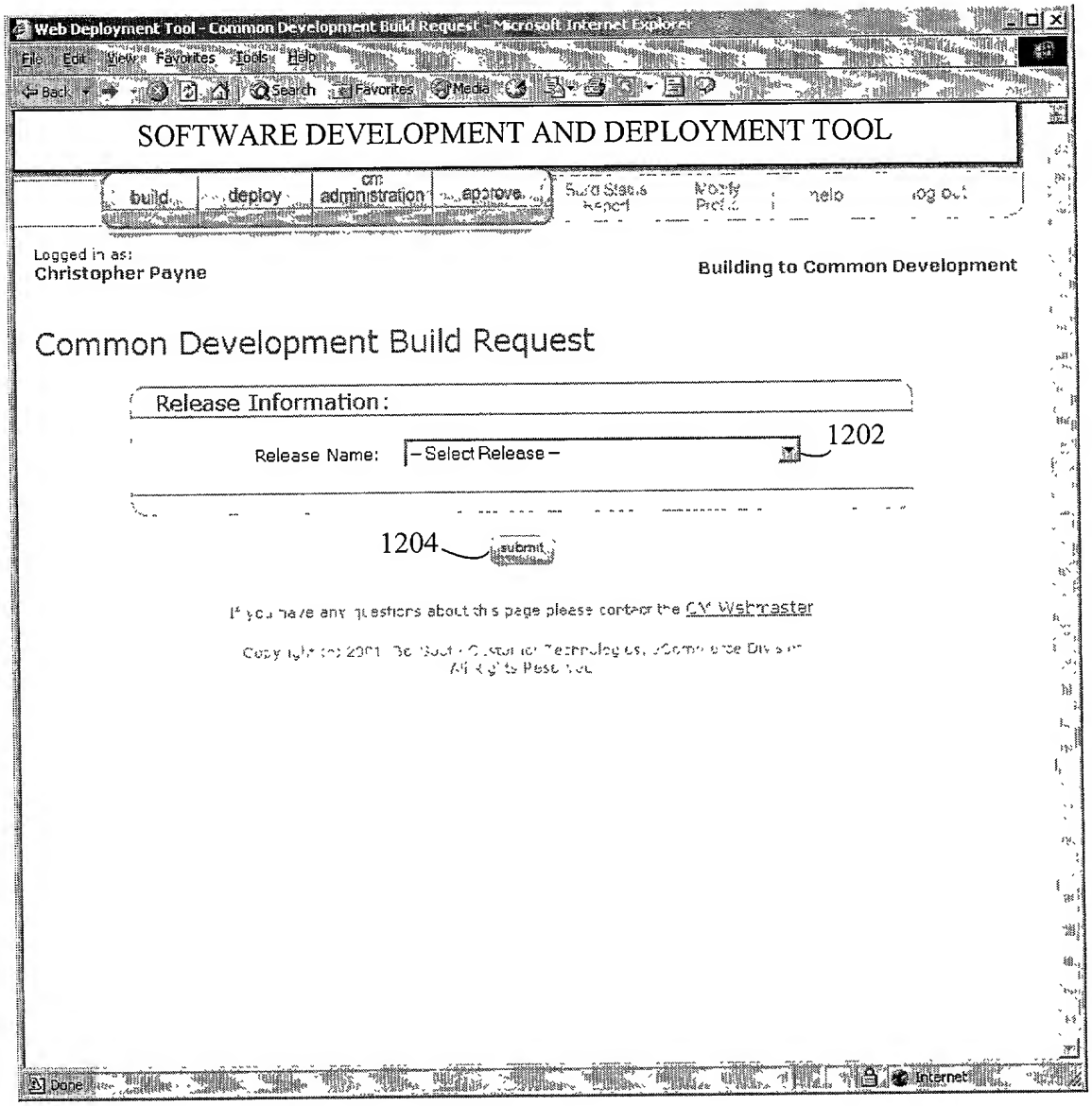

Web Deployment Tool - Common Development Build Request - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
SOFTWARE DEVELOPMENT AND DEPLOYMENT TOOL
build
deploy
cm administration
approve
Build Status Report
Verify Profile
Help
Log out
Logged in as:
Christopher Payne
Building to Common Development
Common Development Build Request
Release Information:
Release Name:
– Select Release –
1202
1204
submit
If you have any questions about this page please contact the CM Webmaster
Copyright (c) 2001 The Boeing Company. Technology, Commercial Division
All Rights Reserved
Done
Internet

FIG. 12

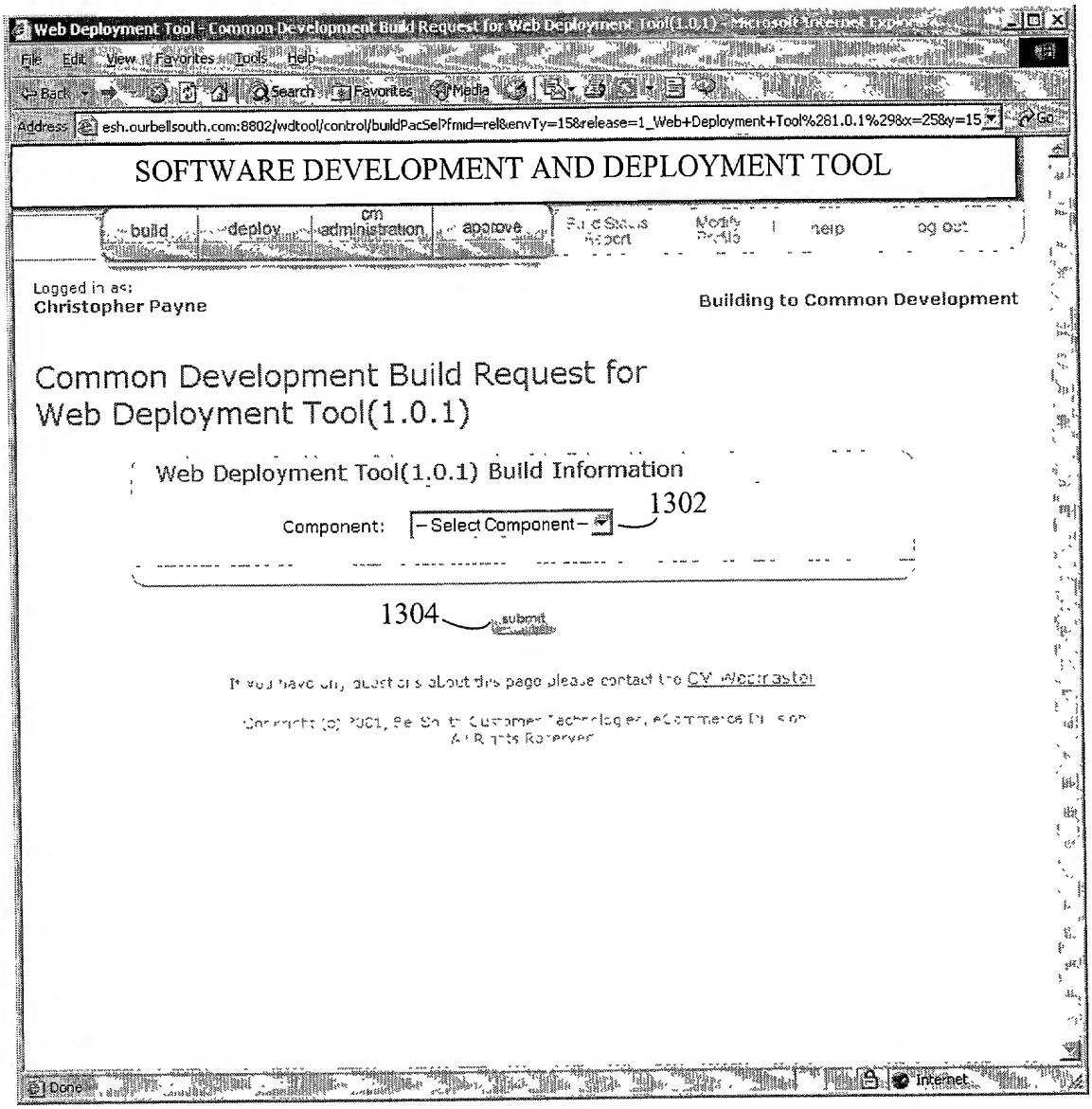

Web Deployment Tool - Common Development Build Request for Web Deployment Tool(1.0.1) - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address esh.ourbellsouth.com:8802/wdtool/control/buildPacSel?fmid=rel&envTy=15&release=1_Web+Deployment+Tool%281.0.1%29&x=258&y=15
Go
SOFTWARE DEVELOPMENT AND DEPLOYMENT TOOL
build
deploy
cm administration
approve
help
log out
Logged in as:
Christopher Payne
Building to Common Development
Common Development Build Request for Web Deployment Tool(1.0.1)
Web Deployment Tool(1.0.1) Build Information
Component:
– Select Component –
1302
1304
submit
Done
Internet

FIG. 13

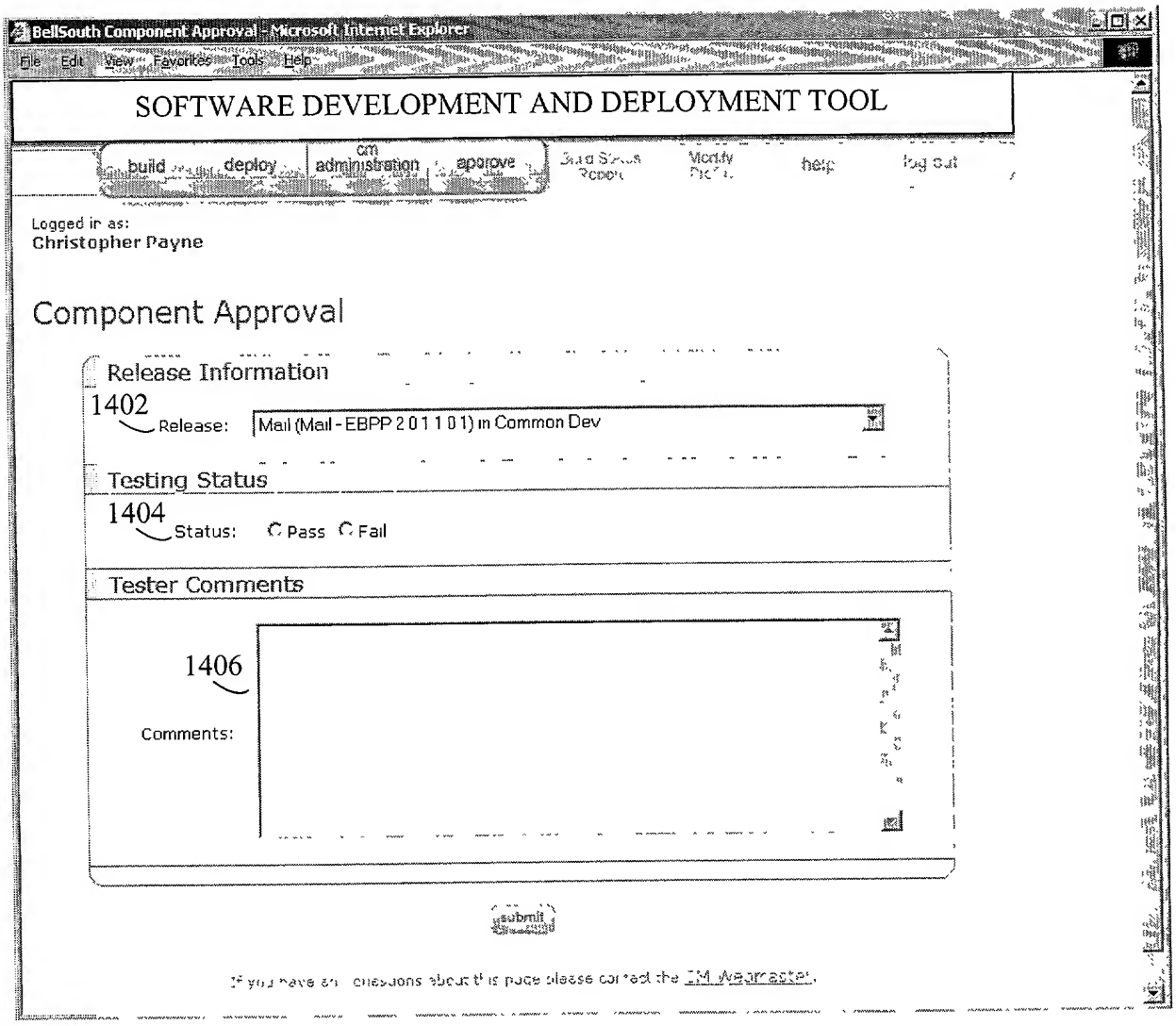

BellSouth Component Approval - Microsoft Internet Explorer
File Edit View Favorites Tools Help
SOFTWARE DEVELOPMENT AND DEPLOYMENT TOOL
build deploy cm administration approve help log out
Logged in as:
Christopher Payne
Component Approval
Release Information
1402
Release:
Mail (Mail - EBPP 2 0 1 1 0 1) in Common Dev
Testing Status
1404
Status:
Pass
Fail
Tester Comments
1406
Comments:
submit

FIG. 14

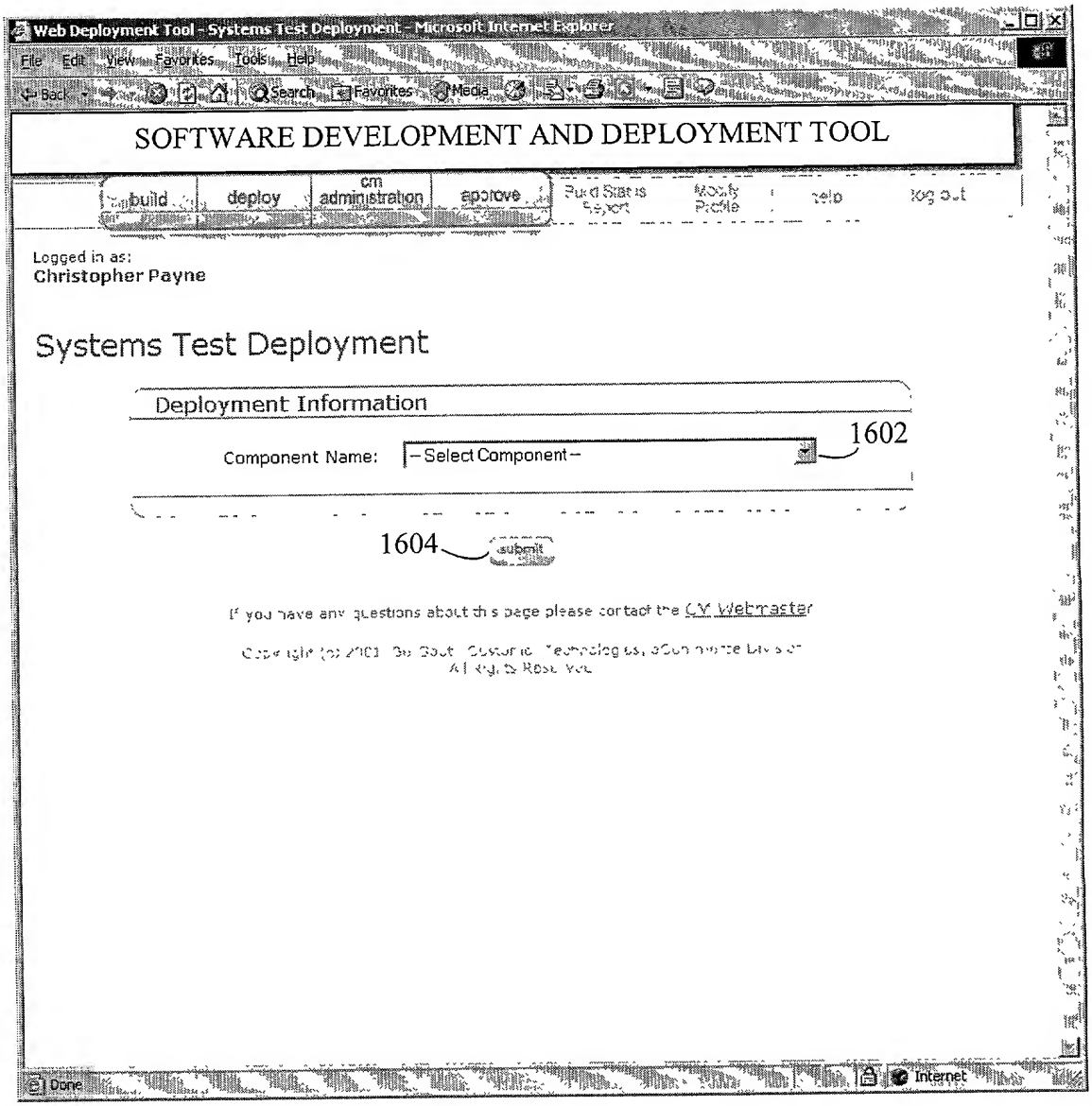

Web Deployment Tool - Systems Test Deployment - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
SOFTWARE DEVELOPMENT AND DEPLOYMENT TOOL
build
deploy
cm administration
approve
Build Status Report
Modify Profile
Help
Log out
Logged in as:
Christopher Payne
Systems Test Deployment
Deployment Information
Component Name:
-Select Component-
1602
1604
submit
If you have any questions about this page please contact the CV Webmaster
Done
Internet

FIG. 16

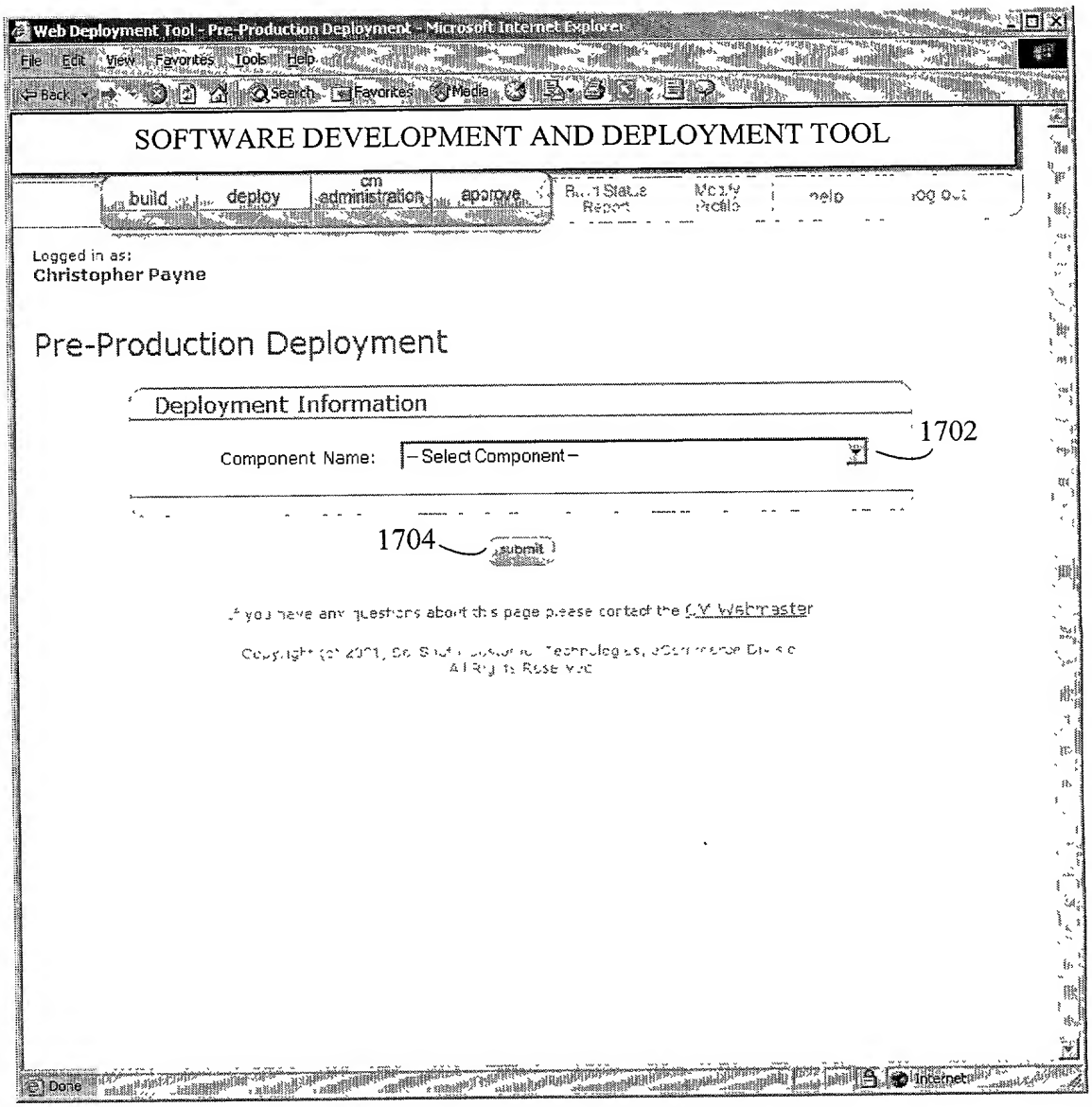

Web Deployment Tool - Pre-Production Deployment - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
SOFTWARE DEVELOPMENT AND DEPLOYMENT TOOL
build deploy cm administration approve
Logged in as:
Christopher Payne
Pre-Production Deployment
Deployment Information
Component Name:
– Select Component –
1702
1704
submit
If you have any questions about this page please contact the CM Webmaster
Done
Internet

FIG. 17

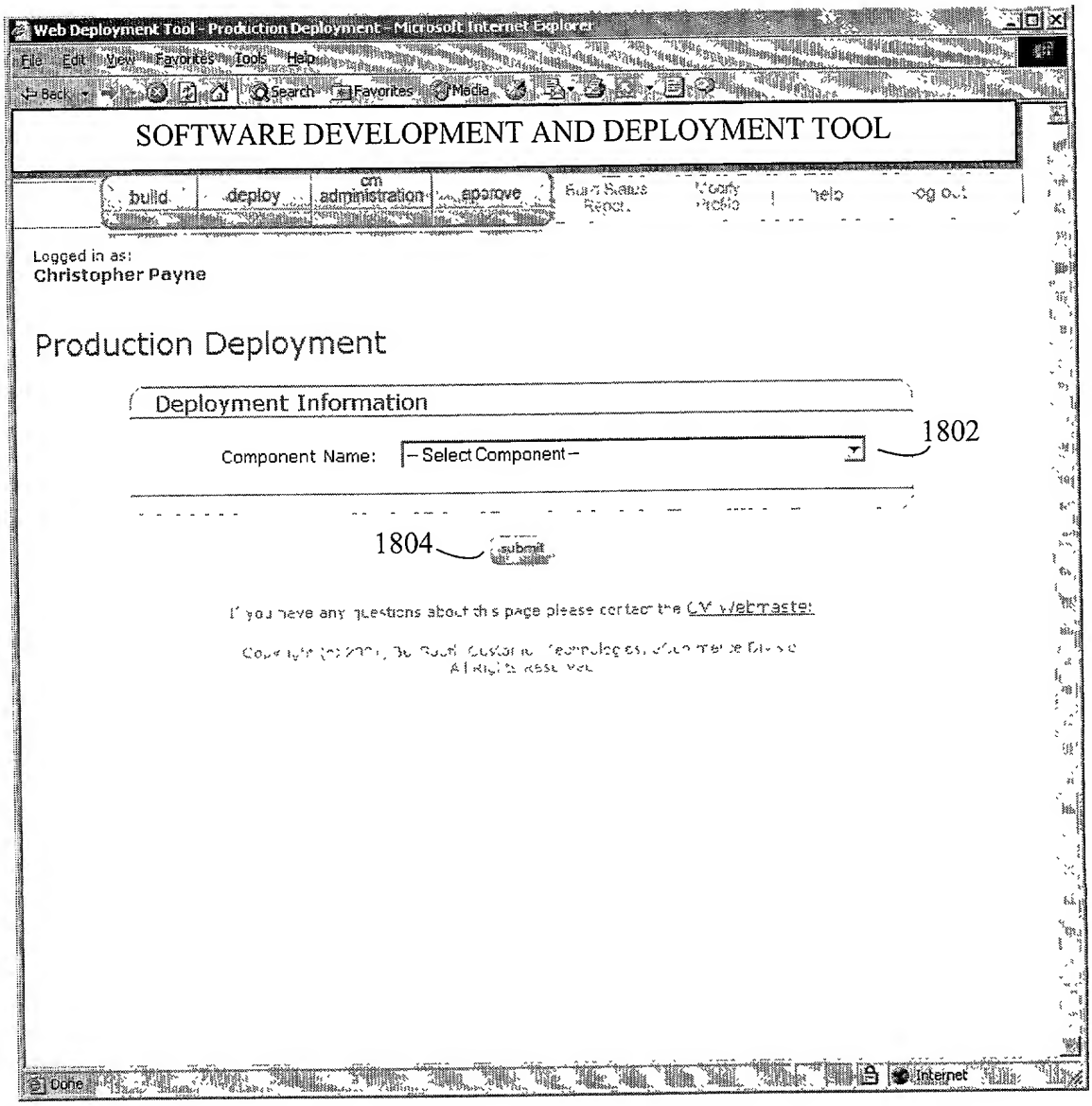

Web Deployment Tool - Production Deployment - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
SOFTWARE DEVELOPMENT AND DEPLOYMENT TOOL
build
deploy
cm administration
approve
Logged in as:
Christopher Payne
Production Deployment
Deployment Information
Component Name:
– Select Component –
1802
1804
submit
If you have any questions about this page please contact the CM Webmaster.
Done
Internet

FIG. 18

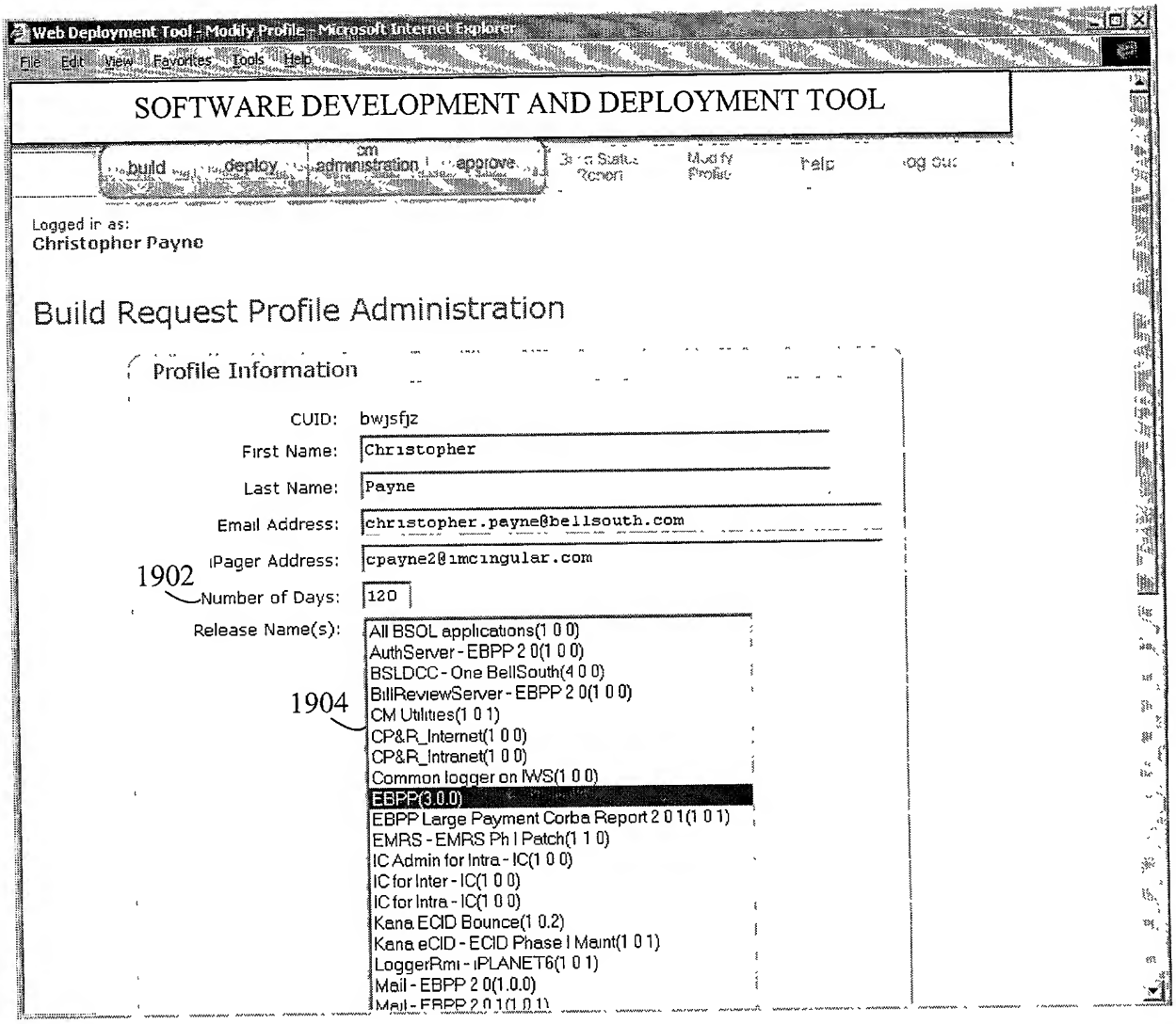

Web Deployment Tool - Modify Profile - Microsoft Internet Explorer
File Edit View Favorites Tools Help
SOFTWARE DEVELOPMENT AND DEPLOYMENT TOOL
build
deploy
cm administration
approve
Logged in as:
Christopher Payne
Build Request Profile Administration
Profile Information
CUID: bwjsfjz
First Name: Christopher
Last Name: Payne
Email Address: christopher.payne@bellsouth.com
Pager Address: cpayne2@imcingular.com
1902
Number of Days: 120
Release Name(s):
1904
All BSOL applications(1 0 0)
AuthServer - EBPP 2 0(1 0 0)
BSLDCC - One BellSouth(4 0 0)
BillReviewServer - EBPP 2 0(1 0 0)
CM Utilities(1 0 1)
CP&R_Internet(1 0 0)
CP&R_Intranet(1 0 0)
Common logger on IWS(1 0 0)
EBPP(3.0.0)
EBPP Large Payment Corba Report 2 0 1(1 0 1)
EMRS - EMRS Ph I Patch(1 1 0)
IC Admin for Intra - IC(1 0 0)
IC for Inter - IC(1 0 0)
IC for Intra - IC(1 0 0)
Kana ECID Bounce(1 0.2)
Kana eCID - ECID Phase I Maint(1 0 1)
LoggerRmi - iPLANET6(1 0 1)
Mail - EBPP 2 0(1.0.0)

FIG. 19

1

Data Name	Comments
Release Name	This relates to the project name.
Release Directory	This is used in NAS 40 applications as the top-level directory under the APPS directory.
Release Version	This is the version of the release.
SUN Package Base Name	This is a six-character field that ties the different components of a release together. If the component is released as a SUN package, this will be the prefix. The suffixes are three characters and are as follows: OBX – Corba servers NAS – NAS 40 application server code IWS – IWS application server code IAS – IAS 6 application server code
VOB Source Root	This is the VOB root directory where the project resides (/vob_estore/custebpp)
Source Management Type	Current types are ClearCase, and Harvest.
Build View	This is the default view used to build this release. Determined by CM.
Platform Type	This is the type of platform that an application component executes on.
Component Name	This is the name of the smallest build-able unit of a release. A release is made up of one to many components.
Component Description	This is a description of the component. It is used in the SUN package description.
Build Script Directory	This is the directory within the source manager that the component build script makefile resides.
Build Script Name	This is the name of the build script or makefile.
Build Script Type	This defines what type the build script is. Currently we have the types: GNU makefile UNIX shell script

FIG. 20

(2

Data Name	Comments
Environment Name	Environment is defined as a set of physical servers that an application will execute on.
Environment Type	Currently there are 5 environment types: Sandbox Common Development System Test Pre-Production Production
Platform Type	This is the platform that describes what a particular node has.
Node Name	This is the machine name that is part of the environment. There can be many nodes per environment type.
User Name	This is the userID (UID) of the user who has privileges to execute needed commands for this node/platform combination.
User Password	This is the password for the above user.
Base Directory	This is the root directory structure for the type of platform we are installing on. This is used by the SUN Package utility during the install process.
Domain Name	This is the domain name for the current Node.

FIG. 21

 # Of Days - used for modification of the build status report; the number of days before today that the user would like search for data on.
Build Log – log file generated during the build/packaging process.
Build Script – mechanism supplied by developers that will compile application specific files.
Build Script Directory – directory where the build script for the component is located.
Build Script Type – type of build script, e.g., GNU Make, UNIX shell scripts.
Component - smallest unit of an application built or deployed individually using the tool.
UID – user identification; usually set up in the operating (e.g., UNIX) environment.
Domain Name – DNS domain that a **Node Name** is part of.
Date Submitted – date/time that the request was first submitted to the system.
Email Address – used to notify user of status changes during build/deploy/install of application.
Environment – set of machines that an application will execute on, e.g., Sandbox, Common Development, System Test, Pre-Production, and Production.
Environment Chain – environments through which an application has to be approved
First Name – user's first name.
FTP Port – port used when deploying an application to an environment; "0" if not used
Host Computer – See **Node Name**
iPager Address – user's iPager address; may be used for the notification process.
Last Name – user's last name.
Node – single machine within an environment
Node Name – DNS name of a specific machine within an environment.
Platform – run time environment on which the application runs; e.g., NAS 4.0
Release – combination of the common name of a project combined with the version.
Release Id – production directory that resides under the **root directory** in NAS 4.0 applications
Release Name – used to reference a project.
Release Version – version of the project/release.
Requestor – name of the user who completed the last action on any given request.
Request Number – number assigned to every build request that goes through the system.
Root User – UID of the user who has start/stop privileges of the application.
Root Password – password for the for the **Root User.**
Root Directory – base directory where an application will be installed in production environment.
Source Root Directory – top-level directory for the project source files within the source management software.
Source Type – type of source management tool being used.
Source View – ClearCase view used to build a component for a release.
Status – current state of any given request in the Build Status report.
SUN Package Name – base name assigned to SUN package when built; a three-character suffix is added to the base name depending on **platform**; e.g., IWS, NAS, OBX, IAS
Version – version number of the release.

FIG. 22